

## ABSTRACT

A cylinder for an internal combustion engine and a method for treating the inner surface of the cylinder, which enables the inner surface constituting a piston-sliding surface of the cylinder to have a high quality plated layer which is uniform in thickness and smooth in surface at low cost without necessitating grinding work such as honing work. The cylinder and the method of the present invention are characterized in that the inner surface of the cylinder is provided with a plated layer which is deposited thereon by a PR (Periodical Reverse) method employing a high-speed polarity reversal power source.